



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

March 24, 2020

Casey M. Pehrson
Regulatory Consultant
Micro-Scientific, LLC
755 Tri-State Parkway
Gurnee, IL 60031

Subject: Label Amendment: PRIA Action (Emerging Viral Pathogen Claims)
Product Name: Opti-Cide MAX Wipes
EPA Registration Number: 70144-4
Application Date: February 7, 2020
Decision Number: 560568

Dear Ms. Pehrson:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Because you have opted to add statements pertaining to emerging viral pathogens to your label as described in the August 19, 2016, Guidance to Registrants: Process For Making Claims Against Emerging Viral Pathogens Not On EPA-Registered Disinfectant Labels ("Guidance"), https://www.epa.gov/sites/production/files/2016-09/documents/emerging_viral_pathogen_program_guidance_final_8_19_16_001_0.pdf, you are subject to the following additional terms of registration:

1. You may make statements pertaining to emerging viral pathogens only through the following communications outlets: technical literature distributed exclusively to health care facilities, physicians, nurses and public health officials, "1-800" consumer information services, social media sites and company websites (non-label related). These statements shall not appear on marketed (final print) product labels.

2. Your statements pertaining to emerging viral pathogens must adhere to the format approved on the Agency-accepted master label.
3. You may make statements pertaining to emerging viral pathogens only upon a disease outbreak that meets all the following criteria:
 - a. The causative organism must be a virus that causes an infectious disease that has appeared in a human or animal population in the U.S. for the first time, or that may have existed previously but is rapidly increasing in incidence or geographic range.
 - i. For human disease, the outbreak is listed in one of the following Centers for Disease Control (CDC) publications:
 - A. CDC Current Outbreak List for “U.S. Based Outbreaks” (www.cdc.gov/outbreaks),
 - B. CDC Current Outbreak List for “Outbreaks Affecting International Travelers” with an “Alert” or “Advisory” classification (www.cdc.gov/outbreaks) (also released through the CDC’s Health Alert Network (HAN) notification process)
 - C. Healthcare-Associated Infections (HAIs) Outbreaks and Patient Notifications page (www.cdc.gov/hai/outbreaks)
 - ii. For animal disease, the outbreak is identified as an infectious disease outbreak in animals within the U.S. on the World Organization for Animal Health (OIE) Weekly Disease Information page (www.oie.int/wahis_2/public/wahid.php/Diseaseinformation/WI).
 - A. The CDC or OIE has identified the taxonomy, including the viral family and/or species, of the pathogen and provides notice to the public of the identity of the emerging virus that is responsible for an infectious disease outbreak. Based on the taxonomy of the outbreak pathogen identified by the CDC or OEI, the pathogen's viral subgroup is large non-enveloped viruses and enveloped viruses.
 - B. The virus can be transmitted via environmental surfaces (non-vector transmission), and environmental surface disinfection has been recommended by the CDC, OIE or EPA to control the spread of the pathogen.
4. You may begin communicating statements pertaining to emerging viral pathogens only upon CDC or OIE’s publication per term 3.a. of an outbreak of an emerging viral pathogen meeting all of the criteria of term 3. You must cease and remove all such non-label communications intended for consumers no later than 24 months after the original publication of the outbreak per term 3.a., unless the Agency issue written guidance to the contrary due to continued public health concerns. The emerging pathogen claim language may remain on the master label.

5. Terms from points 1 through 4 above shall become immediately void and ineffective if registration for use against Rotavirus and Feline Calicivirus is suspended or cancelled or no longer meets the criteria for a disinfectant claim (see EPA Product Performance Test Guideline 810.2200). In addition, terms B.1 through B.4 above shall become immediately void and ineffective upon your receipt of evidence of ineffectiveness against any pathogen in a less-resistant Spaulding category.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, you may contact Aline Heffernan at 703-347-8602 or via email at Heffernan.Aline@epa.gov.

Sincerely,



John Hebert, Chief
Regulatory Management Branch 1
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure: stamped label

Opti-Cide MAX Wipes

{Alternate Brand Name: Opti-Cide MAX Wipes Disinfectant Cleaner}

[Cat. No. _____]

{Insert marketing statements, as appropriate, from *marketing claims* and/or *Directions for Use*}

Active Ingredients:

n-Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈) dimethyl benzyl ammonium chloride	0.425%
n-Alkyl (68% C ₁₂ , 32% C ₁₄) dimethyl ethylbenzyl ammonium chloride	0.425%
Ethanol.....	7.750%
Isopropanol	12.250%
Other Ingredients	<u>79.150%</u>
Total	100.000%

Keep Out of Reach of Children

CAUTION

[See ([side] [back]) panel[s] for First Aid and additional Precautionary Statements.]

Net Contents: _____ X ([Wipes] [Towelettes]) [X] x [X] [inches]

Net Weight:

[] Denotes alternate/optional language

{ } Denotes language that does not appear on market labeling

([]) Denotes one of the options within the brackets must be chosen

() or [()] Denotes language that is intended to be included on label with parenthesis included or optional language that if included on the label should include the parenthesis.

The phrase "This product" and the above product name including alternate brand names are interchangeable.

{Kill Claims:}

This product kills the following organisms in 1 minute on pre-cleaned, hard, non-porous surfaces at room temperature [68°F/20°C]:

[Gram-Positive Bacteria]

- Methicillin-Resistant *Staphylococcus aureus* [(MRSA)] [ATCC 33592]
- *Staphylococcus aureus* [ATCC 6538]
- *Staphylococcus aureus* Rosenbach [ATCC 14154]
- Vancomycin-Resistant *Enterococcus faecalis* [(VRE)] [ATCC 51299]
- Vancomycin Intermediate *Staphylococcus aureus* [(VISA)] [ATCC 700699]
- Methicillin Resistant *Staphylococcus epidermidis* [(MRSE)] [ATCC 51625]
- *Enterococcus faecium* [ATCC 51559]

[Gram-Negative Bacteria]

- *Acinetobacter baumannii* {ATCC 19606}
- Multi-Drug Resistant [(MDR)] *Acinetobacter baumannii* [ATCC BAA-1605] (Resistant to Ceftazidime and Gentamicin)
- *Pseudomonas aeruginosa* [ATCC 15442]

ACCEPTED

03/24/2020

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 70144-4

- *Pseudomonas aeruginosa* [ATCC BAA-2108]
- *Salmonella enterica* [ATCC 10708]
- Carbapenem Resistant *Klebsiella pneumoniae* [ATCC BAA-2470]
- *Klebsiella pneumoniae* [ATCC 4352]
- *Bordetella pertussis* [ATCC BAA-589]
- Extended-Spectrum β -lactamase *Escherichia coli* [(ESBL)] [(ESBL *Escherichia coli*)] [(ESBL *E. coli*)] [ATCC BAA-196]
- *Enterobacter aerogenes* [ATCC 13048]
- *Enterobacter cloacae* [ATCC BAA-2341]
- Carbapenem Resistant *Escherichia coli* [ATCC BAA-2471]

[Enveloped Viruses*]

- Hepatitis B Virus*† [(HBV)]
- Hepatitis C Virus*† [(HCV)]
- Herpes Simplex Virus Type 2 [ATCC VR-734]
- Herpes Simplex Virus Type 1 [ATCC VR-733]
- Human Immunodeficiency Virus*† [(HIV-1)] [associated with AIDS]
- Influenza A Virus [(H3N2)]
- Influenza A Virus [(H1N1)]
- Human Coronavirus [ATCC VR-740]

† This symbol indicates a 30 second contact time is required to kill this organism.

[Non-enveloped Viruses*]

- Rotavirus [ATCC VR-2018]
- Norovirus [Norwalk Virus] [Feline Calicivirus] [Feline Calicivirus (surrogate for Norwalk Virus)] [ATCC VR-782]

[Fungi]

- *Trichophyton interdigitale* [(formally known as *Trichophyton mentagrophytes*)] [(ringworm)] [ATCC 9533]

◆ This product kills the following organism in 2 minutes on pre-cleaned, hard, non-porous surfaces at room temperature [68°F/20°C]:

[Mycobacteria]

- *Mycobacterium bovis* BCG [(tuberculosis)] [(TB)]

First Aid

If Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
If on Skin:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Immediately rinse skin with plenty of water for 15-20 minutes.
If in Eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
If Swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give anything to an unconscious person.
<p>Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact ([insert appropriate emergency contact number for emergency medical treatment information] [the National Pesticides Information Center (NPIC) at 1-800-858-7378 for non-emergency information concerning this product]).</p>	

{The First Aid statements may appear in grid or paragraph format.}

PRECAUTIONARY STATEMENTS**Hazards to Humans and Domestic Animals**

CAUTION: Harmful if swallowed, inhaled, or absorbed through skin. Causes moderate eye irritation. Avoid breathing vapors and contact with eyes, skin or clothing. Wear appropriate personal protective equipment based on safe work practices. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Physical or Chemical Hazards

Combustible. Do not use or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Advisory Statements

Do not use this product as a baby or skin wipe, or on contact lenses. Do not use on dishes, glasses or utensils. Rinse all surfaces which may come in contact with food with clean potable water after using this product. Not recommended for polished wood, or bare wood. Unplug small electrical appliances before ([cleaning] [or] [disinfecting]) with this product.

{For canister dispensing:}

Dispensing Directions:

To start feed, remove cover and discard seal. From the center of the wipe roll, pull up a wipe corner, twist it into a point and thread it through the hole located on the container cover. Pull through about one inch. Replace cover. Pull out first wipe and tear off at an angle. Remaining wipes feed automatically, ready for the next use. When not in use, keep center cap closed to prevent evaporation.

{For flat pack dispensing:}

Dispensing Directions:

Pull back re-sealable label located on top of pack top about 3/4 of the way. Do not completely remove the label from pack. Remove wipe. Reseal with label to prevent evaporation of solution. To prevent evaporation keep pack sealed when not in use.

{For individual pack dispensing:}

Dispensing Directions:

Open packet, remove and use.

Cleaning, Pre-cleaning and Deodorizing

Use a fresh ([wipe] [towelette]) to ([clean] [and] [deodorize]) surfaces. Repeat as necessary until surfaces are visibly clean. Allow the surface to remain thoroughly wet for 30 seconds. Wipe off or allow to air dry.

This product can also be used to pre-clean all surfaces to be disinfected.

{Note to reviewer: Should endoscopes be chosen as a surface, the following Directions for Use paragraph is required}

To ([pre-clean] [pre-treat]) flexible endoscopes prior to terminal reprocessing

Immediately after use and while the scope is still connected to the light source, thoroughly wipe the exterior surface of the insertion tube with this product until visibly clean. Cover the scope and transport to the appropriate area for terminal reprocessing. **This product is not be used as a sanitizer or disinfectant for endoscopes.**

Disinfection of Pre-Cleaned Non-Critical Medical Devices*, Instruments and Implements

Use a ([fresh] [new]) ([wipe] [towelette]) to thoroughly wet pre-cleaned hard, non-porous surfaces. Allow surfaces to remain visibly wet for 1♦ minute at room temperature (68°F/20°C). Remove and rinse instruments. Wipe dry prior to use.

*Non-critical medical devices are items that come in contact only with intact skin. Note: When used on critical and semi-critical medical devices, this product can only be used for pre-cleaning. Critical and semi-critical devices must be followed by appropriate terminal sterilization/high-level disinfection process.

Veterinary and Animal Care Facilities Disinfection

Remove all animals and feeds from premises, vehicles (trucks and cars) and enclosures (coops, crates and kennels). Remove all litter, droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and other fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Use a ([fresh] [new]) ([wipe] [towelette]) to thoroughly wet pre-cleaned hard, non-porous surfaces. Allow

surfaces to remain wet for 1 minute. After application, ventilate buildings, coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed or dried. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and other equipment which may contact food or water with soap or detergent, and rinse with potable water before reuse.

Vehicle Disinfection

Use a ([fresh] [new]) ([wipe] [towelette]) to thoroughly wet pre-cleaned hard, non-porous surfaces. Allow surfaces to remain wet for 1 minute♦. Allow surfaces to air dry.

To Disinfect Hard, Non-porous Surfaces/Articles

Use a ([fresh] [new]) ([wipe] [towelette]) to thoroughly wet pre-cleaned hard, non-porous surfaces. Allow surfaces to remain wet for 1 minute♦, prior to wiping or allow surfaces to air dry.

Note: Disinfected surfaces which may come in contact with food must be rinsed with potable water after cleaning and/or disinfection and before reuse.

♦ **This symbol indicates a 2 minute contact time is required to kill ([mycobacterium bovis] [tuberculosis] [TB]).**

{Note to Reviewer: The following paragraph is required when the label bears HBV, HCV and/or HIV-1 kill claims:}

***HBV, HCV and HIV-1 Precautions:** This product kills HBV, HCV and HIV-1 on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids in health care or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood/body fluids, and in which the surfaces/objects can be associated with the potential for transmission of HBV, HCV and/or the human immunodeficiency virus Type 1 (HIV-1) associated with AIDS. **Special instructions for cleaning against HBV, HCV and HIV-1 of surfaces/objects soiled with blood/body fluids: Personal Protection:** Specific barrier protection items to be used when handling items soiled with blood or body fluids are disposable latex gloves, gowns, masks and eye coverings. **Cleaning Procedure:** Blood and other body fluids must be thoroughly cleaned from surfaces/objects before disinfection. **Contact Time:** Allow hard, non-porous surfaces to remain wet for 30 seconds to kill HBV, HCV, and HIV-1 prior to wiping or allow surface to air dry. **Infectious Materials Disposal:** Cleaning materials used that may contain blood/body fluids must be autoclaved and/or disposed of in accordance with local regulations for infectious materials disposal.

{Note to Reviewer: One of the following paragraphs is required for labels that list medical devices.}

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. [This product may be used to pre-clean critical or semi-critical medical devices prior to sterilization or high level disinfection.]

{or}

{Note to Reviewer: If option below is chosen, medical devices in Surfaces marketing section cannot be used on the market label.}

This product is not for use on medical device surfaces.

Storage and Disposal

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in original container in a cool, well ventilated, locked storage area. Tightly close lid between uses to retain moisture. **Pesticide Disposal:** Dispose of wipe in trash after use. Do not flush. **Container**

Handling: Non-refillable container. Do not reuse or refill this container. Discard container and put in trash or offer for recycling if available.

(Note to Reviewer: The following graphics are optional for canister containers only. They will be affixed to the label/canister so that it does not interfere with any label text.)



Micro-Scientific, LLC

755 Tri State Parkway

Gurnee, Illinois 60031

888-253-2536

[Lot] [Batch] [No.] [Bar Code]

[Made in the U.S.A.]



{Flag image is optional}

{Marketing Claims}

{General Marketing Claims}

After use, just toss away
Antibacterial
Antibacterial action
Antibacterial formula
Antimicrobial
Aids in the reduction of cross-contamination on treated surfaces
An efficient way to clean
Bleach free formula
Can help reduce the risk of cross contamination on treated surfaces
Clean
Clean Scent
Cleaner
Clean with just ([1] [one]) wipe
Cleans
Cleans on contact
Complete clean
Container recyclable where recycling facilities exist
([Contains no] [Does not contain]) ([phosphates] [bleach] [ammonia] [silicones])
([Contains no] [Does not contain]) perfumes
([Contains no] [Does not contain]) [artificial] coloring dyes
Convenient
Does not contain alkylphenol ethoxylates
Does not contain nonylphenol ethoxylates
Dual action
Dual use
Easy to use [: no mixing or diluting]
Each pre-moistened disposable wipe has a scrubbing [abrasive] side for ([tough stains] [tough jobs]) like soap scum and grease and a softer side for wiping away everyday messes
Effectively loosens and suspends ([blood and bodily fluids], [non-organic soil], [and other cellular debris]) for easy removal
([Eliminates] [Removes]) {insert generic claim, such as "bacteria", etc.} from {insert surfaces}
([Eliminates] [Removes]) odors
Excellent cleaning capability
Extra Large
Floor Cleaner
Foot Spa
For use on {insert Use Sites or surfaces}
For [Use on] Pet Care Surfaces
For everyday use
For ([Hospital] [and] [Home]) Use
For use in all healthcare areas where the strict control of cross-contamination is critical
For use on hard, non-porous surfaces
For use on sealed granite, stone, vinyl and all hard, non-porous surfaces
Fragrance free
For Spot Cleaning
For touch-up cleaning
Healthcare
Hospital
([Help(s)] [eliminate(s)]) ([smells] [odors])

[Hospital] [Medical] [Surgical] [Dental] [Veterinary] [Animal Care] [Home Health Care] [Long Term Care] [EMS] {or other use-sites as described}

Hospital Uses

Housekeeping [and In-Home Use]

Improved Uses

Instrument(s)

Just wipe and throw away. [It's that easy.]

Devices

Effective

Leaves your surfaces ([shiny] [clean])

Lint free

Low alcohol [formula] won't fix blood to surface[s]

Mildewstatic

Mildewstat

Multi-purpose

Multi-purpose cleaner

Multi-use Ready-to-use formula eliminates confusion.

New

New!

No mixing

No mixing necessary

No Sticky Residue

Now

Pre-clean(s) scope surfaces prior to terminal reprocessing

Portable

Powerful scrubbing wipe that is gentle on surfaces

Ready-to-Use

RTU

Removes [lingering] odors

Removes tough odors [left behind] from pets

Safe on surfaces listed on this label

Safe on surfaces such as plastics and non-porous vinyl

Spot Cleaner

Spot Cleaning of {insert surfaces}

Streak Free [Formula]

Strong [durable] ([wipe] [towelette])

Suitable for use on non-food contact surfaces [when used as directed]

This product is effective ([in] [on]): {insert Use Sites or Surfaces}

This product aids in the reduction of cross-contamination hazards on treated surfaces.

This product meets AOAC efficacy standards for [hospital-type] disinfectant wipes

Two-in-one wipe

Two sides – one for scrubbing, one for wiping [1 to scrub, 1 to wipe]

Use to clean away particular matter including soil and other organic debris

Use this product on all hard, non-porous environmental surfaces/articles including: chrome, Formica® brand, glass, painted surfaces, plastics (such as polycarbonate, polyvinylchloride, polypropylene and polystyrene), Plexiglas®, glazed porcelain, stainless steel, and vinyl.

Will not stain [vinyl] [surfaces]

([With] [Contains]) Rust Inhibitor

[Helps] Eliminate[s] odor-causing bacteria

XL

{Disinfectant Marketing Claims}

1 Minute ♦ contact time to disinfect
2 minute contact time to kill TB.
1 Minute ♦ [Inanimate] Hard, Non-porous Surface Disinfectant
1 Minute ♦ Kill Time
1 Minute ♦ kill time for [clinical] hard, non-porous [healthcare] [hospital] [dental] [home care] [long-term care] [post-operative] [veterinary] surfaces [listed on this label] [such as counters, railings, doorknobs, and similar surfaces].
An effective way to disinfect hard, non-porous [environmental] surfaces
Bactericidal
Bactericidal, Tuberculocidal, Fungicidal and Virucidal
Broad Spectrum [Disinfectant]
Cleaner, Deodorizer, Disinfectant
Cleaning [and Disinfecting] has never been ([easier] [or] [more convenient])
Cleaner [and] Disinfectant
Cleaner Disinfectant Wipes
Cleans [Deodorizes] [and] [Disinfects]
Eliminates odors
Inhibits mold and mildew growth [in damp and musty places]
([Controls] [Fights]) {insert microorganism(s) name(s)} on hard, non-porous surfaces
Deodorizer
Deodorize[s] [as it cleans]
Disinfect[s]
Disinfectant
Disinfects Hard, Non-Porous Surfaces in ([1] [2]) {as appropriate} minute[s]
Disinfectant Cleaner [and Deodorizer]
Disinfectant/Cleaner
Disinfecting Cleaner
Disinfect external surfaces of ultrasound transducers
Disinfecting [Dual Action Disinfecting] [Cleaning] Wipes
Disinfecting Wipes
Disinfects [your] ({insert use sites}) [and] [or] {insert surfaces}
Disinfects hard, non-porous, [non-food contact] surfaces: {insert surfaces}
Disinfects in ([1] [2]) {as appropriate} minute[s]
Disinfectant formula designed to provide effective cleaning, deodorizing and disinfection in areas where housekeeping is of prime importance in controlling the hazard of cross-contamination on treated surfaces.
Easy [and convenient] way to clean [and disinfect]
Effective against: {insert organisms}
Effective disinfecting for use in {insert use sites}
For Disinfecting Contaminated Hard, Non-porous Surfaces/Articles
([Convenient] [portable]) way to disinfect hard, non-porous surfaces
Fungicidal
Germicidal
Germ ([killer] [destroyer] [eliminator])
Hospital Disinfectant [and Cleaner]
Kennel disinfectant
([Kills] [Effective against] [Controls]) cold and flu viruses
([Kills] [Effective against]) viruses*
([Kills] [Eliminates]) bacteria [viruses*] [fungi] [germs]
Kills germs [bacteria] [viruses*] [you can't see]: {insert microorganism(s) name(s)}
Kills ([germs] [bacteria]) [while it cleans] [that cause odor]

Kills a broad spectrum of disease causing microorganisms
 Kills Athlete's Foot Fungus on hard, non-porous, environmental surfaces
 Kills Bacteria – Viruses* - Fungus on pre-cleaned, hard, non-porous surfaces such as {select from use directions}
 Kills Bacteria – Viruses* - Fungi – Tuberculosis (TB) on hard, non-porous inanimate surfaces such as {insert Surfaces}
 Kills Bacteria, Viruses*, and Fungi in 1 minute♦ when used as directed
 Kills *Mycobacterium-tuberculosis* {(var. bovis)} in 2 minutes
 Kills Bacteria, Viruses*, Fungi [in 1 minute♦]
 Kills ESKAPE Bacteria [in 1 Minute]
 Kills MDRO ESKAPE Bacteria [in 1 Minute]
 Kills ESKAPE MDRO Bacteria [in 1 Minute]
 Kills germs and controls the ([spread] [growth]) of fungi and mold
 Kills MDRO's in 1 Minute
 Kills MRSA {or other descriptive term for approved claim}
 Kills odor-causing bacteria
 Kills TB in 2 Minutes
 Kills H1N1 Influenza A Virus [(formerly called "swine flu")]
 Kills [Enveloped] [Non-enveloped] Viruses*
 Kills ([Hydrophilic Viruses*] [Lipophilic Viruses*] [Enveloped Viruses*] [Non-enveloped Viruses*])
 Kills {taken from list of approved organisms}
 Kills Flu Viruses
 MDRO [(Multi-Drug Resistant Organism)]
 [Medical] [/] [Surgical] [/] [Dental] [/] [Hospital] {or other descriptor} Surface and Equipment Disinfectant Cleaner
 [Medical] [/] [Surgical] [/] [Dental] Equipment Disinfectant Cleaner
 ([One] [Two]) {as appropriate} minute Disinfecting Cleaner
 One product ([to][will]) clean[, deodorize] and disinfect [{taken from Surfaces or Use Sites}]
 Salon Disinfectant
 Same product [will] clean[s], deodorize[s] and disinfect[s] [{taken from Surfaces or Use Sites}]
 Scope ([pre-cleaning] [pre-cleaner])
 {taken from Surfaces or Use Sites} Disinfectant Cleaner Disinfectant Cleaner
 Surface Disinfectant [Cleaner]
 [This product] effectively kills a wide range of microorganisms [(gram-positive bacteria and gram-negative bacteria, enveloped and non-enveloped viruses*, mycobacteria, and fungi)] at room temperature [68°F/20°C] with a 2-minute contact time.
 This product is ([mildewstatic] [a mildewstat]) and will effectively inhibit the growth of mold and mildew on hard, non-porous surfaces
 This product kills the following viruses*: {insert viruses from approved claims}
 This product kills the following bacteria: {insert bacteria from approved claims}
 This product kills the following fungus: {insert fungus from approved claims}
 This product kills the following microorganisms: {insert microorganisms from approved claims} on hard, non-porous surfaces ([in 1 minute] [in 2 minutes]) {as appropriate}
 This product is tuberculocidal in 2 minutes on hard, non-porous surfaces.
 The easy way to disinfect [and clean] [the following] hard, non-porous [non-food contact] surfaces: {insert surfaces}
 This product is the convenient way to disinfect [and clean] hard, non-porous surfaces [such as your] {insert surfaces}
 This product meets AOAC efficacy standards for [a hospital-type] disinfectant wipes
 This product ([is] [effective]) for ([cleaning],[and] [disinfecting]) {insert surfaces}
 This product disinfects [and cleans] the following surfaces: {insert surfaces}
 This product is effective for cleaning and disinfecting hard, non-porous surfaces in animal habitats, animal isolation units, animal laboratories, animal show facilities, animal/pet care facilities, aquariums, avian habitats, grooming facilities, reptile habitats, veterinary hospitals, zoo facilities and similar animal care and house facilities where the chance of cross-contamination from microorganisms is of concern.

This product is a general purpose cleaner, deodorizer and disinfectant to be used where control of cross-contamination hazards is of prime importance.

This product provides a way to effectively clean and disinfect hard, non-porous [environmental] surfaces.

This product kills a wide range of organisms including gram-negative and gram-positive bacteria, enveloped and non-enveloped viruses*, mycobacteria, and fungi in 2 minutes on hard, non-porous surfaces.

This product is a multi-purpose disinfectant product intended for use in cleaning and disinfecting hard non-porous surfaces and non-critical instruments in hospitals, laboratories, and other critical care areas where environmental control of cross contamination between treated surfaces is important.

This product is a multi-purpose disinfectant cleaner for use on hard, non-porous surfaces.

Tuberculocidal

Two-step process [to clean and disinfect]

Two step germicidal action

Two step disinfection action

Veterinary/Animal/Pet Care Facility Disinfectant/Cleaner

Virucidal*

Virucide*

Virus* ([killer] [destroyer] [eliminator])

When used as directed this product effectively ([cleans], [and] [disinfects]) hard, non-porous, [environmental] inanimate surfaces such as {insert Surfaces}

Kills [ESKAPE MDRO] [MDRO ESKAPE] Organisms

[E]	[<i>Enterococcus faecium</i>] [ATCC 51559]
[S]	[Methicillin-Resistant <i>Staphylococcus aureus</i>] [(MRSA)] [ATCC 33592], [<i>Staphylococcus aureus</i> Rosenbach] [ATCC 14154]
[K]	[Carbapenem Resistant <i>Klebsiella pneumoniae</i> NDM] [ATCC BAA-2470]
[A]	[Multi-Drug Resistant [(MDR)] <i>Acinetobacter baumannii</i>] [ATCC BAA-1605]
[P]	[<i>Pseudomonas aeruginosa</i>] [ATCC BAA-2108]
[E]	[<i>Enterobacter cloacae</i>] [ATCC BAA-2341]

Kills ESKAPE Organisms

[E]	[<i>Enterococcus faecium</i>] [ATCC 51559]
[S]	[<i>Staphylococcus aureus</i>] [ATCC 6538]
[K]	[<i>Klebsiella pneumoniae</i>] [ATCC 4352]
[A]	[<i>Acinetobacter baumannii</i>] [ATCC 19606]
[P]	[<i>Pseudomonas aeruginosa</i>] [ATCC 15442]
[E]	[<i>Enterobacter aerogenes</i>] [ATCC 13048]

{Use Sites}

{Note to Reviewer: If listing Use Sites from this section, the phrase beginning with "This product..." below must be included}

This product can be used ([in] [at]) the following locations: acute care facilities, air transport facilities, airports, airplane interiors, amusement parks, ambulatory care centers, ambulatory care facilities, ambulatory surgical centers, anesthesia areas, animal transport vehicles, animal/pet care facilities, animal control facilities, animal control vehicles, animal breeding facilities, animal detention facilities, animal hospitals, animal/pet housing facilities, animal [laboratories][labs], animal research facilities, animal rescue shelters, animal shelters, animal show facilities, animal trainers, apartments, arboretums, arcades, athletic clubs, athletic training facilities, athletic locker rooms, ATM surfaces, automatic teller machine (ATM) [facilities] [surfaces], auto facilities, automobile interiors, autopsy rooms, avian care facilities, avian facilities, avian units, bakeries, banks, banquet hall facilities, barber shops, bathroom facilities, bathrooms, bedrooms, biomedical labs, bioskill [laboratories] [labs], biotechnology [laboratories][labs], blood

centers, blood units, blood pheresis facilities, body piercing salons, body service facilities, body storage facilities, botanical gardens, bowling alleys, break rooms, buses, bus facilities, bus stations, cab facilities, cadaver processing areas, cafeterias, canine units, cardiac care labs, cardiac catheterization labs, cardiology units, cash dispensing machines, casinos, Cat-scan [laboratories] [labs], central sterile supply, central supply areas, central sterile processing departments, child care facilities (day care, infant care, schools), clean rooms, clinical areas, colleges, commercial establishments (such as country clubs, dairies, factories, non-food contact surfaces in food/beverage processing/storage plants, non-food contact surfaces in kitchens, laundries, laundromats, office buildings, offices, restaurants and taverns), commercial laundries, condominiums, convention facilities, conference centers, conference room fixtures, correctional facilities, critical care areas, CS [laboratories][labs], CT [laboratories][labs], currency exchanges, dairies, daycare centers, day care schools, day spas, delivery units, dental facilities, dental [laboratories] [labs], dental offices, detention facilities, dialysis centers, dialysis units, dissection labs, doggy day care centers, drug preparation facilities, drug preparation rooms, early learning centers, elder care centers, electrolysis facilities, EMS units, emergency vehicles (such as ambulances, fire trucks, helicopters, law enforcement), emergency rooms, endoscopic rooms, endoscopy centers, endoscopy facilities, endoscopy departments, entertainment facilities, environmental services facilities, equine facilities, equine units, esthetician facilities, exercise/physical therapy areas, exam rooms, extended care facilities, eye care facilities, feline facilities, feline units, field hospitals, fire departments, fire/rescue departments, florists, non-food contact surfaces in food establishments, non-food contact surfaces in food processing plants, foot spas, foreign currency exchange facilities, foreign currency exchanges, forestry services, funeral homes, gaming facilities, garden centers, general public facilities, GI [laboratories] [labs], golf courses, grocery stores, grammar schools, grooming facilities, grounds keeping services, gymnasiums, gyms, habitats, hair salons, health clubs, health care facilities, helicopter interiors, high schools, holding cells, home care patient rooms, home health care equipment supply sites, home health care facilities, homes, hospice rooms, hospitality facilities, hospitals, hotels, household bathrooms, housekeeping rooms, human transport vehicles, hydrotherapy facilities, hydrotherapy rooms, infant care units, in-home health care rooms, institutional facilities, instrument reprocessing areas, intensive care units, isolation areas [rooms] [units], jails, kiosks, kindergartens, non-food contact surfaces in kitchens, labor units, laboratories, landscaping services, large animal care facilities, lasik centers, lawn services, learning institutions, libraries, life science research labs, limousine facilities, living rooms, locker rooms, lockup facilities, lockups, long-term care facilities, lunchrooms, medical facilities (such as ambulances/EMS/paramedic units, blood banks [centers], clean rooms, dental offices, drug preparation rooms, emergency rooms, hospitals, infant/child care units, isolation units [rooms] [areas], jails, morgues, neonatal units, nurseries, nursing homes, offices, operating rooms/theaters, ophthalmic/optometric facilities, orthopedics areas, out-patient surgical centers, patient care areas, plasma pheresis centers, surgical centers), medical offices, medical instrument reprocessing facilities, medivans, MICUs, middle schools, money handling facilities, morgues, mortuary facilities, mortuaries, motels, movie theaters, MRI facilities, MRI [laboratories] [labs], nail care facilities, nail salons, neonatal units, newborn nurseries, nuclear medicine facilities, nurseries, nursery schools, nursing homes, occupational therapy centers, occupational therapy facilities, offices, oncology areas, operating rooms/theaters, ophthalmic centers, ophthalmology units, optometric offices, oral health care facilities, orthodontic offices, orthopedics areas, other facilities (such as day care, elder care, libraries, schools, universities), outpatient care facilities, outpatient facilities, outpatient surgical centers, paramedic squads, pathology facilities, patient care areas, pathology rooms, pediatric units, pedicure salons, personal care service facilities, pet homes, pet motels, pet spas, pet stores, pharmacies, pheresis equipment and centers, physical therapy facilities, physician exam rooms, physician office waiting rooms, plasma pheresis centers, plasma pheresis facilities, pheresis units, podiatry offices, police vehicles, post-op rooms, post-operative rooms, pre-op areas, pre-operation areas, pre-schools, primary care facilities, prisons, public facilities, public restrooms, public transportation facilities, prisoner holding areas [lockups], prisoner facilities (such as detention areas, jails, prisons, quarantine areas), prisons, radiology rooms [centers], recovery rooms, rehabilitation facilities, reptile habitats, research [laboratories] [labs], residential and lodging structures (such as apartments, camping areas, homes, hotels, motels, RVs and watercraft), respiratory care units, respiratory therapy areas, restaurants, restrooms, retail stores, rodent facilities, rodent units, salons (such as beauty, manicure/pedicure), scope reprocessing rooms, shower areas [rooms], skin care, tanning, tattoo), schools, skin care facilities, shopping malls, sick rooms, skilled nursing centers, skin care facilities, skin care salons, sleeping rooms, small animal/pet care facilities, snack shops, spas, sterile processing departments, storage areas, surgical centers/suites/[rooms], tanning salons, tattoo studios, taverns, taxi facilities, taxi cab facilities, theaters, toilet facilities,

trailers, train cars, train facilities, train stations, transport equipment, transport vehicles, transportation waiting rooms, tree services, universities, urgent care centers, urgent care facilities, veterinary and animal care facilities, veterinary hospitals, waiting rooms, weight training facilities, workout rooms, x-ray cat laboratories, x-ray equipment, x-ray rooms, zoologic centers, zoos and areas/facilities concerned with the hazards of cross-contamination from infectious microorganisms.

{Surfaces}

{Note to Reviewer: If listing Surfaces from this section, the phrase beginning with "This product..." below must be included}

{Note to Reviewer: If listing "endoscopes", "endoscope surfaces" or "endoscope devices", the "For use to [pre-clean] [pre-treat] flexible endoscopes prior to handling during terminal reprocessing" Directions for Use must be used}

This product can be used on the following hard, non-porous surfaces of the following items: acrylic, metals (aluminum, brass, copper, stainless steel, chrome), sealed granite, glass, plastics (polycarbonate, polypropylene, polystyrene and polyvinylchloride [(PVC)]), hard, non-porous rubber, Plexiglas®, vinyl as well as coated, laminated and painted surfaces, air evacuation transport units, air transport units, air vents surfaces, airplane fixtures, airplane interiors, ambulance equipment/surfaces and [patient care] surfaces, amusement machine surfaces, analgesia equipment surfaces, anesthesia equipment surfaces, anesthesia machines, animal cages (aviary, canine, feline, etc.), animal examination tables, animal habitats, apnea monitors, aquariums, armrests, athletic/training facility surfaces, athletic/training facility fixtures, synthetic ([vinyl] [plastic] [nylon] [polymer]) athletic mats, athletic equipment, synthetic ([vinyl] [plastic] [nylon] [polymer]) athletic protective equipment, ATM touch buttons, automatic teller machine (ATM) touch buttons, attendant seats, baby/infant care surfaces, baby cribs, backboards, balloon pumps, bank teller surfaces, barber instruments/implements, bar tops, baskets, bassinets, bathing tubs, bathing units, bathroom facilities, bathroom fixtures, bathroom surfaces, bathtubs, bedpans, bed railings, synthetic ([vinyl] [plastic] [nylon] [polymer]) beds, bedside devices, bedside tables, bedside stands, biohazard team equipment, biological monitoring devices, birdcage surfaces, birthing room fixtures, blood bank equipment surfaces, blood drawing surfaces, blood pressure devices, bowls, breathing masks, breathing monitors, breast pump surfaces, brushes, cabinets, cages, call buttons, canine care surfaces, cardiac monitors, carts, cash register surfaces, cash registers, cat litter boxes, central supply equipment, cervical collars, chainsaw blades, chairs, changing tables, chest pumps, classroom fixtures, clear plastics, synthetic ([vinyl] [plastic] [nylon] [polymer]) coated mattresses, synthetic ([vinyl] [plastic] [nylon] [polymer]) coated pillows, coin counter surfaces, coin dispensers, collars, colon equipment surfaces, combs, commodes, computer keyboards [surfaces], computer screens, computer touch-screens, cots, counters/countertops, CPAP masks, CPAP units, CPR training devices, CPR training mannequins, crash carts, cribs, CT equipment/surfaces, curing lights, synthetic ([vinyl] [plastic] [nylon] [polymer]) curtains, cuspidors, cutting boards (non-porous), dental chairs/countertops/instruments/implements/OR surfaces, dental equipment/surfaces, dental impressions, dental trays, dialysis machine surfaces, diaper changing stations, diaper pails, dictating machines, diving equipment and air packs, diving masks, door handles, doorknobs, drained pedicure whirlpool tanks, drinking fountain exteriors, drug preparation equipment, drug preparation hoods, dryers, dry suits, dumbbells, elevator buttons, elevator panels, emergency room stretchers, emergency rescue squad units, EMS equipment/work surfaces, EMT units, embalming tables, empty whirlpool tanks, endoscope light source units, endoscope machine surfaces, endoscope machine tubing, endoscopes, endoscopes surfaces, endoscopic devices, environmental patient care fixtures, equine care surfaces, equipment surfaces, ER stretchers, ER surfaces, escalator and moving walkway handrails, examination equipment, examination lights, examination tables, exercise equipment/benches, synthetic ([vinyl] [plastic] [nylon] [polymer]) exercise mats, eye glasses, eye protection devices, external lenses vision correction (not for use on contact lenses), face shields, faucets, feline care surfaces, finger print counters, finished surfaces, firefighter turnout gear, first call stretchers, fishnets, fish tank aerators, fish tank filters, fish tank gravel, fish tanks, fishing waders, fixtures, flea combs, floors, [sealed] [glazed] flower pots, folding tables, non-food contact surfaces on food delivery carts, non-food contact surfaces on food/feed preparation surfaces, foot spa surfaces, frequently touched surfaces, funeral home surfaces, furniture, gaming machines, garbage cans, garbage compactors, garden equipment, garden storage bins, garden tools, gastroenterology equipment devices, gastroenterology equipment fixtures, glucometers, glucose meters, goggles, gonial lenses, grass mower blades, grooming facility surfaces, grooming tables, gurneys, synthetic ([vinyl] [plastic] [nylon] [polymer]) gym mats, hair care stations' fixtures, hair brushes, hampers, handcrafts, handcuffs, handrails, hand-pieces, hard cervical collars/braces, hardhats, synthetic ([vinyl] [plastic] [nylon] [polymer]) harnesses, hazmat team equipment, headphones, hearse interiors, helmets, high chairs, high-touch areas, home care equipment surfaces, horse trailer surfaces, hospice

rooms, hospitality and hotel surfaces, household fixtures, Hubbard tanks (empty), hydrotherapy units (empty), hygiene treatment surfaces, hyperbaric chamber surfaces, IC pumps, immobilization devices, implements, incubators, infant bassinets/ cribs/incubators/warmers/care equipment, instrument reprocessing equipment, instrument stands, instrument trays, interior tubing lumens, Isolettes®, IV poles, IV pump surfaces, IV stands, infusion pump surfaces, kennel cages, kennels, keyboards, kick buckets, kidney dialysis equipment surfaces, kidney machines, kitchen fixtures, kitty litter boxes, kitty litter scoops, laboratory equipment/surfaces, labor and delivery room surfaces, laminated surfaces, large animal care surfaces, laryngoscopes, leashes, light lens covers, light pull chains, light switches, lights, litter boxes, locker room benches, lockers, lockup facility fixtures, loupes, manicure/pedicure implements/tables/chairs, mannequins, marine vessel interiors, masks, synthetic ([vinyl] [plastic] [nylon] [polymer]) mats, synthetic ([vinyl] [plastic] [nylon] [polymer]) mattress covers, mayo stands, medical equipment surfaces/devices, medical instruments/implements, medication carts, micro-derma abrasion equipment, microkeratome surfaces, microscopes, monitor knobs, monitors, morgue tables, mouth guards, MRI equipment surfaces, nail care implements, nail station fixtures, nail station tables, neonatal/nursery surfaces, non-critical devices, non-critical operating room lights, non-food/feed contact surfaces, non-food/feed preparation surfaces, hard, non-porous [mattress] [cot] [stretcher] [gurney] [exam table] [bed] rails, non-porous [mattress] [cot] [stretcher] [gurney][exam table] synthetic ([vinyl] [plastic] [nylon] [polymer]) covers, non-porous plastic-covered menus, nursing station fixtures, nursing station surfaces, OB [obstetrical equipment] surfaces, occupational therapy devices, occupational therapy surfaces, office fixtures, OR lights/tables/surfaces, ophthalmic equipment surfaces/devices/instruments/implements, optical instruments/implements, optical wear (excluding contact lenses), organ scales, oxygen hoods, oxygen tents, oxygen units, painted surfaces, paramedic units, synthetic ([vinyl] [plastic] [nylon] [polymer]) patient bed surfaces, patient care devices, patient care equipment surfaces, patient examination tables, synthetic ([vinyl] [plastic] [nylon] [polymer]) patient stretchers, patient transport surfaces, pedicure chairs, pedicure chair tubs, pedicure implements, PEEP units, synthetic ([vinyl] [plastic] [nylon] [polymer]) pet carrier surfaces, pet care surfaces, pharmacy counters, pharmacy surfaces, phototherapy lights, physical therapy equipment (such as bars, chairs, empty whirlpool tanks, etc.), physician office surfaces, play-care equipment, Plexiglas® hoods, poker machine surfaces, pooper scoopers, prisoner benches, protective eyewear, pruning shears, pulmonary function equipment, pulse oximeters surfaces, pumps, radiology equipment surfaces, rails, razors, reception area fixtures, recreational devices, refrigerators (exterior surface), refrigerator units, synthetic ([vinyl] [plastic] [nylon] [polymer]) remains bags, remote controls, reptile care surfaces, reptile habitats, rescue/dive team equipment, rescue squad equipment, respirators/face pieces, respirator ventilators, respiratory care equipment surfaces, respiratory therapy equipment, restraints, resuscitators, salon fixtures, salon surfaces, scales, school fixtures, school lockers, scissors, scoop stretches, scuba equipment, seats, self-contained breathing apparatus (SCUBA) equipment, shampoo bowls, shears, ship [river, ocean, sea vessel] surfaces, showers [doors/floors/walls], shower stalls, sinks, sink faucets, skin care equipment/surfaces, [SilkPeel™] dermal infusion equipment, slit lamps, slot machines, slot machine handles, slot machine surfaces, small animal care surfaces, soap containers, soap dishes, SPD equipment, specimen refrigerator units, spine backboards, spirometers, splinting devices, squad benches, stalls, stair chairs, stethoscopes, stools, stretchers, suction devices, suction machines, suction units, supply cabinets, surgical equipment surfaces, surgical instruments/implements, surgical microscopes, tables, tabletops, tanks, tanning beds, tattooing equipment surfaces/devices, telemetry equipment, telephones, toilet facilities, toilets (exterior surfaces, seats and rims), toilet training equipment, tonometer equipment surfaces, tonometer tip surfaces, tools, touch screens, toys, training room surfaces, transport van surfaces, transport vehicle interiors [train] [airplane] [helicopter] [automobile] [bus] [taxi] [limo] [ambulance] [patient] [yachts] [cruise ship interior] transport vehicle surfaces, transportation equipment surfaces, trash can lids, trash cans, treatment hoods, tree saws, tubing, synthetic ([vinyl] [plastic] [nylon] [polymer]) tumbling mats and equipment, turf equipment, turn equipment blades, turn-out gear, TV remote controls, unit stools, unplugged hair dryers, van fixtures, van interiors, vehicle interiors, vending machine surfaces, ventilators, veterinary care surfaces/instruments/implements, veterinary operating room lights, veterinary operating room tables, video poker machines [exteriors], walkers, walls, warmers (exterior surface), washable nail files, washers, washing bowls, water bowls, weight machines, weight scales, weight training equipment, wheel chairs, whirlpool surfaces, window sills, workstations, wrestling mats, workout machines, X-ray equipment/surfaces.

Emerging Viral Pathogens Claim

This product qualifies for emerging viral pathogen claims per the EPA's 'Guidance to Registrants: Process for Making

Claims Against Emerging Viral Pathogens not on EPA-Registered Disinfectant Labels' when used in accordance with the appropriate use directions indicated below.

This product meets the criteria to make claims against certain emerging viral pathogens from the following viral categories:

- Enveloped Viruses
- Large Non-Enveloped Viruses

For an emerging viral pathogen that is a/an...	...following the directions for use for the following supporting organism(s) on the label:
Enveloped virus	Rotavirus [ATCC VR-2018]
Large, non-enveloped virus	Norovirus [Feline Calicivirus] [ATCC VR-782]

[Product Name] has demonstrated effectiveness against viruses similar to [name of emerging virus] on hard, non-porous surfaces. Therefore, [Product Name] can be used against [name of emerging virus] when used in accordance with the directions for use against [name of supporting virus(es)] on hard, non-porous surfaces. Refer to the [CDC or OIE] website at [pathogen-specific website address] for additional information.

[Name of illness/outbreak] is caused by [name of emerging virus]. [Product Name] kills similar viruses and therefore can be used against [name of emerging virus] when used in accordance with the directions for use against [name of supporting virus(es)] on hard, non-porous surfaces. Refer to the [CDC or OIE] website at [website address] for additional information.